

Amendments To The Claims:

Please amend the claims as shown. This version of claims replaces all previous versions.

1 – 7 (canceled)

8. (currently amended) A gas turbine combustion chamber, comprising:
a combustion chamber wall and an attached liner element enclosing a wall cooling chamber;
a manhole through the combustion chamber wall to access a combustion chamber interior;
a manhole cover to seal the manhole; and
an inner cooling chamber arranged within the manhole cover;
wherein the manhole cover seals off the inner cooling chamber of the manhole cover from the combustion chamber interior, and
wherein the inner cooling chamber of the manhole cover is connected for fluid flow purposes to the wall cooling chamber of the combustion chamber wall.

9. (cancelled).

10. (cancelled).

11. (currently amended) The gas turbine combustion chamber according to Claim 8~~10~~, wherein the inner cooling chamber of the manhole cover is directly connected to the wall cooling chamber of the combustion chamber wall by inserting the manhole cover into the manhole.

12. (currently amended) The gas turbine combustion chamber according to Claim 11, wherein a fixing element which supports a cover element of the manhole cover ~~against the combustion chamber interior~~, and simultaneously holds a liner element adjacent to the manhole cover against the combustion chamber wall.

13. (previously presented) The gas turbine combustion chamber according to Claim 12, wherein the cross-section of the fixing element is essentially U-shaped, whereby a first side of the U supports the cover element and a second part of the U holds the liner element.

14. (currently amended) The gas turbine combustion chamber according to Claim 13, wherein ~~an element~~ the first side of the fixing element projects into the manhole such that ~~[[a]]the~~ cover liner of the manhole cover is supported ~~against the combustion chamber interior~~, and the manhole cover can be removed from the manhole without removing the fixing element.

15. (new) A gas turbine combustion chamber, comprising:
 - a combustion chamber wall and an attached liner element enclosing a wall cooling chamber;
 - a manhole through the combustion chamber wall to access a combustion chamber interior;
 - a manhole cover to seal the manhole;
 - a cover element of the manhole cover;
 - an inner cooling chamber arranged between the manhole cover and the cover element, wherein the manhole cover element seals off the inner cooling chamber of the manhole cover from the combustion chamber interior;
 - an essentially U-shaped fixing element disposed against the combustion chamber interior and comprising a first side of the U that supports the cover element, and a second part of the U simultaneously holding the liner element, adjacent to the manhole cover, against the combustion chamber wall, wherein the first side projects into the manhole such that while the cover element is thus supported the manhole cover can be removed from the manhole; and
 - wherein the inner cooling chamber of the manhole cover is connected for fluid flow purposes to the wall cooling chamber.